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**COMBINED DECLARATION AND POWER OF ATTORNEY**

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,  
CONTINUATION, OR C-I-P)

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As a below named inventor, I hereby declare that:

**TYPE OF DECLARATION**

This declaration is of the following type: ☐ original.  
(check one) ☐ design.  
☐ supplemental.  
☐ national stage of PCT.  
☐ divisional.  
☒ continuation.  
☐ continuation-in-part (C-I-P)

**INVENTORSHIP IDENTIFICATION**

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

**TITLE OF INVENTION**

**REDUCED BLEED VAPOR COMPRESSION CYCLE**  
**ENVIRONMENTAL CONTROL SYSTEM FOR AIRCRAFT**

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**SPECIFICATION IDENTIFICATION**

the specification of which:

(a) ☒ is attached hereto.

(b) ☐ was filed on \_\_\_\_\_, as Serial No. \_\_\_\_\_ and was amended on \_\_\_\_\_ (*if applicable*).

(c) ☐ was described and claimed in PCT International Application No. \_\_\_\_\_, filed  
on \_\_\_\_\_ and as amended under PCT Article 19 on  
\_\_\_\_\_ (*if applicable*).

## ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56, and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 C.F.R. § 1.98.

## CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NO.	FILING DATE (day, month, year)

## CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S) UNDER 35 U.S.C. § 120

- ☒ The claim for the benefit of any such applications are set forth in the attached ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN-PART (C-I-P) APPLICATION.

## POWER OF ATTORNEY

I hereby appoint the practitioners practicing at the following Customer Number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

**34704**

### SEND CORRESPONDENCE TO:

The above Customer Number.

### DIRECT TELEPHONE CALLS TO:

Barry L. Kelmachter  
(203) 777-6628 - ext. 112

## DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

## SIGNATURE(S)

**Full name of sole or first inventor:**

\_\_\_\_\_  
(signature)

Name: **Jules Ricardo Munoz**

Date: \_\_\_\_\_

Country of Citizenship: **Colombia**

Residence Address:

**1 Arrowwood Circle  
South Windsor, CT 06074**

Post Office Address: (SAME AS ABOVE)

**Full name of third joint inventor, if any:**

\_\_\_\_\_  
(signature)

Name: **Roger W. Radomsky, Jr.**

Date: \_\_\_\_\_

Country of Citizenship: **USA**

Residence Address:

**7104 W. Deserama  
Tucson, AZ 85743**

Post Office Address: (SAME AS ABOVE)

**Full name of second joint inventor, if any:**

\_\_\_\_\_  
(signature)

Name: **Luca Bertuccioli**

Date: \_\_\_\_\_

Country of Citizenship: **Italy**

Residence Address:

**77 Mapleshade Avenue  
East Longmeadow, MA 01028**

Post Office Address: (SAME AS ABOVE)

**Full name of fourth joint inventor, if any:**

\_\_\_\_\_  
(signature)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Country of Citizenship: \_\_\_\_\_

Residence Address:

Post Office Address:

ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL,  
CONTINUATION, OR CONTINUATION-IN-PART (C-I-P) APPLICATION.

1 PAGES ADDED

Practitioner's Docket No. R-4505A(02-380-2)

**ADDED PAGE TO COMBINED DECLARATION  
AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION  
OR C-I-P APPLICATION**

*(complete this part only if this is a divisional, continuation or C-I-P application)*

**CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)  
UNDER 35 U.S.C. 120**

I hereby claim the benefit, under Title 35, United States Code, § 120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37, Code of Federal Regulations, § 1.56 and that is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent, that occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application. (37 C.F.R. § 1.63(e)).

☐ In compliance with this duty, there is attached an information disclosure statement, in accordance with 37 C.F.R. § 1.98.

<b>PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 USC 120:</b>				
<b>U.S. APPLICATIONS</b>		<b>Status (<i>check one</i>)</b>		
<b>U.S. Applications</b>	<b>U.S. Filing Date</b>	<b>Patented</b>	<b>Pending</b>	<b>Abandoned</b>
10 / 141,679	7 May 2002		XXX	
/				
/				
<b>PCT APPLICATIONS DESIGNATING THE U.S.</b>				
<b>PCT Application No.</b>	<b>PCT Filing Date</b>	<b>U.S. Application Nos. Assigned (<i>if any</i>)</b>		
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**35 USC § 119 PRIORITY CLAIM, IF ANY,  
FOR ABOVE LISTED U.S./PCT APPLICATIONS**

<b>ABOVE APPLICATION NO.</b>	<b>DETAILS OF U.S. PROVISIONAL OR FOREIGN APPLICATION FROM WHICH PRIORITY CLAIMED UNDER 35 USC § 119</b>		
<b>Please indicate appropriate PCT application no.</b>	<b>Country and Application No.</b>	<b>Date of filing (day, month, year)</b>	<b>Date of issue (day, month, year)</b>
10/141,679	US - 60/289,441	8 May 2001	